



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090562

Mode: Highway

Status: Submitted

US-15, US-501 (Sanford Road)

From/Cross Street: Roberson Creek (Bridge No. 17)

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 87

Project Category: Regional Impact

Length: 0.67

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$2,865,000

Description:

'Widening to Provide Continuous Turn Lane, Curb, Gutter, Bike Lanes, and Sidewalks

Division(s): Division 8

County(s): CHATHAM

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 30.31

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 37.27	Percent: 15%	Percent: 15%
Safety (10%) 48.94	Points: 0	Points: 100
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 10.96		
Totals: Weight: 70% Weighted Score: 15.31		

Division Needs Total Score: 12.35

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 37.27	Percent: 25%	Percent: 25%
Safety (10%) 48.94	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 12.35		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	0.67
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	8878.53
Capacity:	15799.55
Volume/Capacity Ratio:	0.56
% Autos:	93%
% Trucks:	7%
Truck Volume:	664.85
Crash Density:	46.99
Crash Severity:	52.86
Critical Crash Rate:	46.99
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	71
Actual Congested Speed:	31.04
Travel Time Index:	1.13

Project Benefits

Project Cross-Section:	3A - 2 Lane with Two Way Left Turn Lane, and Paved Shoulders
Speed Limit:	35
Length (miles):	0.67
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$2,052,000	TIP Unit
Right-of-Way Cost:	\$726,000	Cost Estimation Tool
Utilities Cost:	\$87,000	Cost Estimation Tool
Total Project Cost:	\$2,865,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$2,865,000	